

UTAH OIL AND GAS CONSERVATION COMMISSION

REMARKS: WELL LOG _____ ELECTRIC LOGS _____ FILE ☒ WATER SANDS _____ LOCATION INSPECTED _____ SUB. REPORT/abd. _____

DATE FILED **2-19-91**

LAND: FEE & PATENTED ☒ STATE LEASE NO. _____ PUBLIC LEASE NO. _____ INDIAN _____

DRILLING APPROVED: **3-12-91 (CAUSE NO. 156-3)**

SPUDDED IN: _____

COMPLETED: **12-16-92 LA** PUT TO PRODUCING: _____

INITIAL PRODUCTION: _____

GRAVITY A.P.I. _____

GOR: _____

PRODUCING ZONES: _____

TOTAL DEPTH: _____

WELL ELEVATION: _____

DATE ABANDONED: **LAD APD Expired 12-16-92**

FIELD: **MEXICAN HAT**

UNIT: _____

COUNTY: **SAN JUAN**

WELL NO. **GOODRIDGE 91-6** API NO. **43-037-31612**

LOCATION **2123' FNL** FT. FROM (N) (S) LINE. **332' FEL** FT. FROM (E) (W) LINE. **SE NE** 1/4 - 1/4 SEC. **7**

TWP.	RGE.	SEC.	OPERATOR	TWP.	RGE.	SEC.	OPERATOR
				42S	19E	7	SAN JUAN MINERAL EXPL.

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

FEB 19 1991

<p style="font-size: 2em; opacity: 0.5;">RECEIVED</p> <p style="text-align: center;">DIVISION OF OIL, GAS & MINING</p>		<p>5. Lease Designation and Serial No. fee</p> <p>6. If Indian, Allottee or Tribe Name</p> <p>7. Unit Agreement Name</p> <p>8. Farm or Lease Name Goodridge</p> <p>9. Well No. 91=6</p> <p>10. Field and Pool, or Wildcat <i>Mexican Hat 410</i> undesignated</p> <p>11. 00, Sec., T., R., M., or Bk. and Survey or Area Sec 7 T42S R 19 E</p> <p>12. County or Parrish San Juan</p> <p>13. State UT</p>															
<p>APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK</p>																	
<p>1a. Type of Work DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/></p> <p>b. Type of Well Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone <input type="checkbox"/></p> <p>2. Name of Operator San Juan Minerals Exploration Co. 10970 Williams Avenue Blythe, CA 92225 9414</p> <p>4. Location of Well (Report location clearly and in accordance with any State requirements.) At surface 2123' FNL and 332' FEL At proposed prod. zone SENE</p> <p>14. Distance in miles and direction from nearest town or post office* 5 miles</p> <p>15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drlg. line, if any) 332'</p> <p>16. No. of acres in lease 285</p> <p>17. No. of acres assigned to this well 2 1/2</p> <p>18. Distance from proposed location* to nearest well, drilling, completed, or applied for, on this lease, ft. 250'</p> <p>19. Proposed depth 450'</p> <p>20. Rotary or cable tools rotary</p> <p>21. Elevations (Show whether DF, RT, GR, etc.) 4172 ground</p> <p>22. Approx. date work will start* ASAP</p>																	
<p>23. PROPOSED CASING AND CEMENTING PROGRAM</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Size of Hole</th> <th>Size of Casing</th> <th>Weight per Foot</th> <th>Setting Depth</th> <th>Quantity of Cement</th> </tr> </thead> <tbody> <tr> <td>9 7/8"</td> <td>8 5/8"</td> <td>24 pd</td> <td>30'</td> <td>7 sacks</td> </tr> <tr> <td>7 1/4"</td> <td>5 1/2"</td> <td>17 pd</td> <td>425'</td> <td>25 sacks</td> </tr> </tbody> </table>			Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement	9 7/8"	8 5/8"	24 pd	30'	7 sacks	7 1/4"	5 1/2"	17 pd	425'	25 sacks
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Propose to drill and test.

Estimated depth of anticipated water or oil - 400'

Pressure equipment - none. Zone is shallow and carries very little or no gas.

Circulating medium - air and foam.

No abnormal pressures or temperatures - no hydrogen sulfide.

Jack Williams 619 922 2222

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout prevention program, if any.

24. I hereby certify that this report is true and complete to the best of my knowledge.

Signer: Bill Johnson Title: Secretary

(This space for Federal or State office use)

API NO. 43037-31612

Approval Date

Approved by

Conditions of approval, if any:

TECHNICAL REVIEW

Engr. John A. [unclear] 15-91

Geol. [unclear] 3-7-91

APPROVED BY [unclear] DATE 3-12-91
 OF UTAH DIVISION OF
 OIL, GAS, AND MINING

DATE: 3-12-91

BY: [unclear]

WELL SPACING: 156-3

*See Instructions On Reverse Side

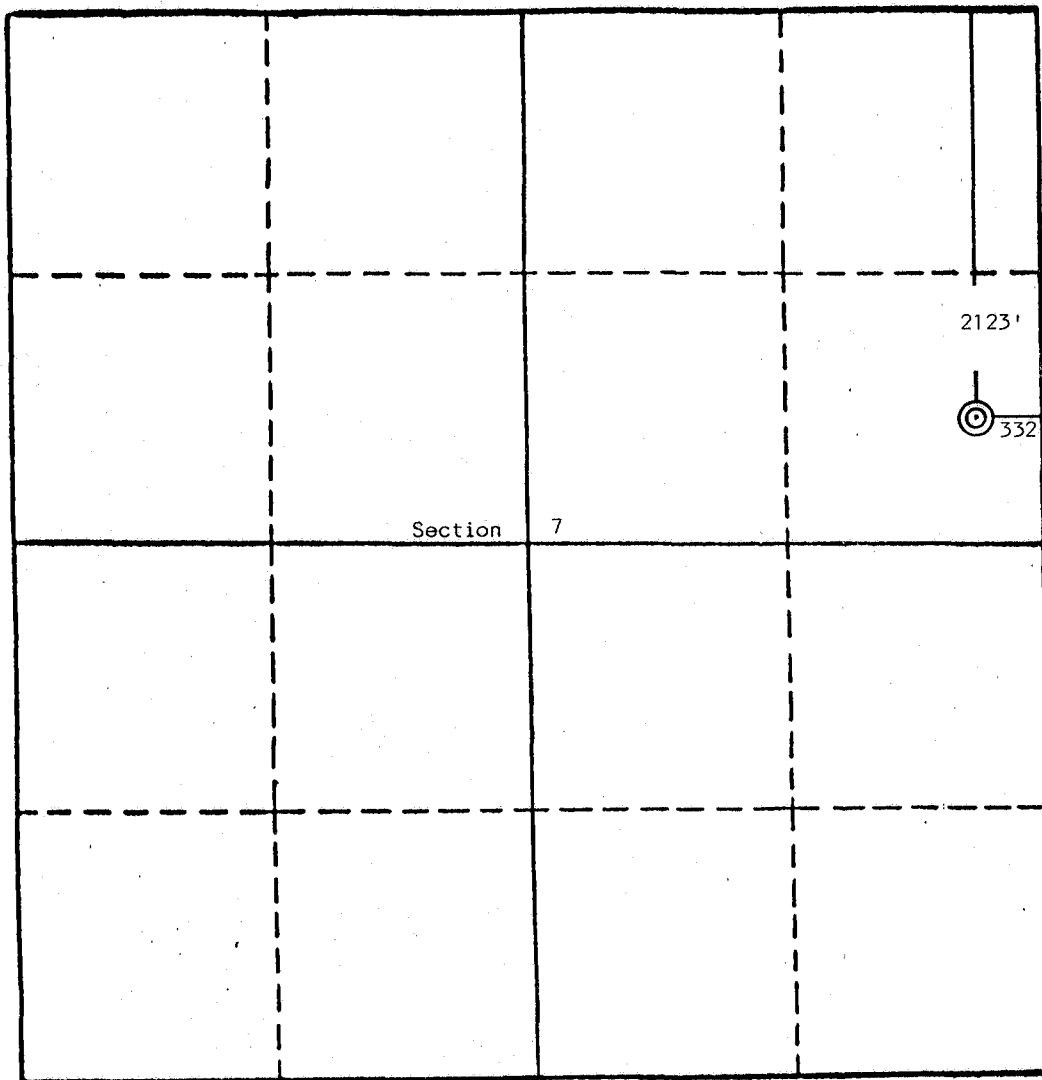
Company San Juan Minerals and Exploration Company

Well Name & No. 91-6

Location 2123' F/NL 332' F/EL

Sec. 7, T. 42 S., R. 19 E., S. L. M., County San Juan, Utah

Ground Elevation 4172



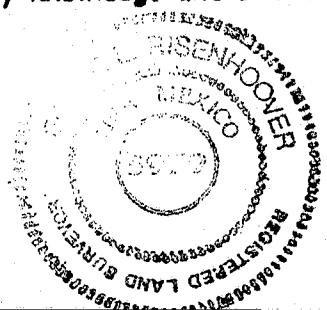
Scale, 1 inch = 1,000 feet

Surveyed

February 7 19 91

This is to certify that the above plat was prepared from field notes of actual surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.

Seal:



Edgar L. Risenhoover

Edgar L. Risenhoover
Registered Land Surveyor
New Mexico Reg. No. 5979

Non-resident certification as
authorized by Utah State Law
58-22-21(b)

DRILLING LOCATION ASSESSMENT

**State of Utah
Division of Oil, Gas and Mining**

OPERATOR: SAN JUAN MINERALS WELL NAME: GOODRIDGE 91-6
SECTION: 7 TWP: 42S RNG: 19E LOC: 2123 FNL 332 FEL
QTR/QTR SE/NE COUNTY: SAN JUAN FIELD: MEXICAN HAT
SURFACE OWNER: GOODRICH ESTATE
SPACING: UNRESTRICTED
INSPECTOR: GLENN GOODWIN DATE AND TIME: 2/25/91 11:00

PARTICIPANTS: George Petty-San Juan Minerals

REGIONAL SETTING/TOPOGRAPHY: Mexican Hat townsite. Location is on a small Knoll with a wash to the west.

LAND USE:

CURRENT SURFACE USE: Pasture.

PROPOSED SURFACE DISTURBANCE: A 100'X 100' pad will be constructed.

AFFECTED FLOODPLAINS AND/OR WETLANDS: None

FLORA/FAUNA:

ENVIRONMENTAL PARAMETERS

SURFACE GEOLOGY

SOIL TYPE AND CHARACTERISTICS: Clayey sand and gravels.

SURFACE FORMATION & CHARACTERISTICS: Quaternary alluvium on Halgaito Shale.

EROSION/SEDIMENTATION/STABILITY: No active sedimentation or erosion at present.

PALEONTOLOGICAL POTENTIAL: None observed.

SUBSURFACE GEOLOGY

OBJECTIVES/DEPTHS: Goodridge sand.

ABNORMAL PRESSURES-HIGH AND LOW: None anticipated.

CULTURAL RESOURCES/ARCHAEOLOGY: NA

CONSTRUCTION MATERIALS: Onsite materials.

SITE RECLAMATION: As per landowner instructions.

RESERVE PIT

CHARACTERISTICS: A 20'X 20'X 5' reserve pit will be constructed.

LINING: None needed

MUD PROGRAM: Well is to be drilled with air and foam.

DRILLING WATER SUPPLY: Mexican Hat culinary water system.

OTHER OBSERVATIONS

A berm has been placed along the wash to protect the wash from this and other locations.

STIPULATIONS FOR APD APPROVAL

None

ATTACHMENTS

Photographs will be placed on file.

BEFORE THE BOARD OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
IN AND FOR THE STATE OF UTAH

IN THE MATTER OF THE APPLICATION)
OF SAN JUAN MINERALS EXPLORATION)
COMPANY FOR AN EXCEPTION TO THE)
WILD CAT WELL SPACING PATTERN)
ESTABLISHED BY RULE C-3, OF THE)
GENERAL RULES AND REGULATIONS,)
AND AMENDING PRIOR ORDERS OF THE)
BOARD IN CAUSE NO. 156-1 TO GRANT)
UNRESTRICTED SPACING IN CERTAIN)
PORTIONS OF THE MEXICAN HAT AREA,)
SAN JUAN COUNTY, STATE OF UTAH)

ORDER

CAUSE NO. 156-3 ✓

Pursuant to Notice of Hearing dated February 22, 1980, as amended, of the Board of Oil, Gas and Mining, Department of Natural Resources of the State of Utah, this Cause came on for hearing before Cleon B. Feight, acting as hearing examiner for the full Board, commencing at the hour of 9:00 a.m. on April 15, 1980, in the offices of the Division of Oil, Gas and Mining, 1588 West North Temple, Salt Lake City, Utah.

Appearing for the applicant was Anthony L. Rampton of the law firm of Fabian & Clendenin, Salt Lake City, Utah, and Robert Lauth, Certified Registered Geologist. Appearing on behalf of the Division of Oil, Gas and Mining were Denise Dragoo, Special Assistant, Utah Attorney General's Office, and Mike Minder, Petroleum Engineer.

NOW, THEREFORE, having considered the testimony presented to the hearing examiner and the exhibits received at said hearing, and being fully advised in the premises, and all persons appearing before the hearing examiner being in favor of the application, the Board now makes and enters the following:

FINDINGS OF FACT

1. Due and regular notice of the time, place and purpose of the hearing was given to all interested parties in the form and manner and within the time required by law and the rules and regulations of the Board.

2. The Board has jurisdiction over the matter covered by said Notice and over all parties interested therein and has jurisdiction to make and promulgate the Order hereinafter set forth.

3. The principal producing sand or zone in this area is the ✓ Goodridge Sand producing from shallow sand and low pressure.

4. That there has been no systematic development through the Mexican Hat Area.

5. By Order entered in Cause No. 156-1 dated September 25, 1974, the Board established ✓ five-acre spacing for drilling wells and not less than ✓ two hundred feet from any property or lease line or from the boundary of any legal subdivision comprising a governmental quarter-quarter section or equivalent lot or lots of comparable size and location and not less than ✓ 330 feet from any producible oil well, unless otherwise specifically permitted by order of the Board after notice and hearing.

6. That the oil wells producing on tracts in Sections 31 and 32, Township 41 South, and Sections 4, 5, 6, 7 and 8, Township 42 South, Range 19 East, Salt Lake Meridian, San Juan County, State of Utah, are all producing from the ✓ Goodridge producing sand.

7. That the Goodridge formation is confined to certain pockets of permeability and ^{porosity} ~~perosity~~ requiring the drilling of holes in an irregular pattern in order to discover and drain all of the recoverable oil and associated hydrocarbons from said formation.

8. That in order to facilitate the location and commercial production of oil in this area, it is necessary to allow for an amendment to the Order in Cause No. 156-1 so as to permit the drilling of wells on ✓ unrestricted spacing in the aforestated sections.

O R D E R

IT IS THEREFORE ORDERED:

A. That an exception is hereby granted to the provisions of Rule C-3, General Rules and Regulations, Division of Oil, Gas

and Mining, so as to permit the drilling of wells on unrestricted spacing to best accommodate the prevention of waste and protection of correlative rights in the development of the field and to maximize ultimate future recovery of oil and associated hydrocarbons insofar as and only insofar as the Goodridge Formation in Sections 31 and 32, Township 41 South, and Sections 4, 5, 6, 7 and 8, Township 42 South, Range 19 East, Salt Lake Meridian, San Juan County, State of Utah, and the Order of this Board in Cause No. 156-1 is hereby amended accordingly.

B. It is further Ordered that no well in said Sections shall be drilled less than 50 feet from any property or lease line or from the boundary of any legal subdivision comprising a governmental quarter-quarters section or equivalent lot or lots of comparable size unless otherwise specifically permitted by order of the Board after notice and hearing.

C. That this Order is a temporary order and the Board, on its own motion or the motion of any interested party, may file an application requesting a hearing to present new evidence covering the matter set forth herein.

D. That the Board retains continuing jurisdiction of all matters covered by this Order and particularly retains continuing jurisdiction to make further orders as appropriate and authorized by statute and applicable regulations.

ENTERED AND EFFECTIVE this 15th day of April, 1980.

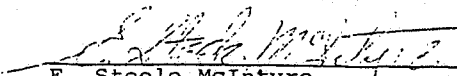
BOARD OF OIL, GAS AND MINING OF
THE STATE OF UTAH

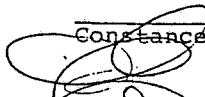
Charles R. Henderson

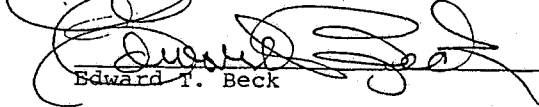
John L. Bell

Thadeus W. Box

C. Ray Juvelin


E. Steele McIntyre


Constance K. Lundberg

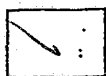

Edward T. Beck

OPERATOR San Juan Minerals L-0810 DATE 3-11-91
WELL NAME Goodridge 91-6
SEC SENE 7 T 40S R 19E COUNTY San Juan

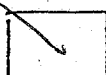
43-037-31610
API NUMBER

free (4)
TYPE OF LEASE

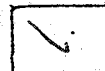
CHECK OFF:



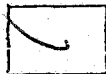
PLAT.



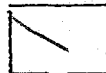
BOND
440E867A
50,000



NEAREST
WELL



LEASE



FIELD
9LBM



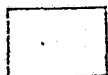
POTASH OR
OIL SHALE

PROCESSING COMMENTS:

Cause shows unrestricted spacing
Water Permit
Permit 3-1-91 / (Geology subm)

APPROVAL LETTER:

SPACING:



R615-2-3

N/A

UNIT



R615-3-2



156-3 4-15-90

CAUSE NO. & DATE



R615-3-3

STIPULATIONS:

free
Water Permit



State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Norman H. Bangerter
Governor

Dee C. Hansen
Executive Director

Dianne R. Nielson, Ph.D.
Division Director

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340

March 12, 1991

San Juan Minerals Exploration Company
10970 Williams Ave.
Blythe, California 92225-9414

Gentlemen:

Re: Goodridge 91-6 Well, 2123 feet from the North line, 332 feet from the East line, SE NE, Section 7, Township 42 South, Range 19 East, San Juan County, Utah

Approval to drill the referenced well is hereby granted in accordance with the Order in Cause No. 156-3 dated April 15, 1980 subject to the following stipulations:

1. Prior to commencement of drilling, receipt by the Division of evidence providing assurance of an adequate and approved supply of water as required by Utah Code Ann. Section 73-3, Appropriation.
2. San Juan Minerals Exploration Company, as designated operator, is the bonded principal in reference to this Application for Permit to Drill. Should this designation change or a transfer of ownership occur, liability will remain with the designated operator until the Division is notified by letter of a new bonded principal.

In addition, the following actions are necessary to fully comply with this approval:

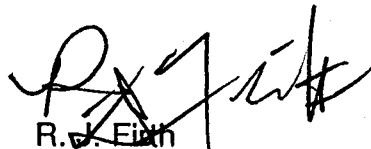
1. Spudding notification within 24 hours after drilling operations commence.
2. Submittal of Entity Action Form 6, within five working days following spudding and whenever a change in operations or interests necessitates an entity status change.

Page 2
San Juan Minerals Exploration Company
Goodridge 91-6
March 12, 1991

3. Submittal of the Report of Water Encountered During Drilling, Form 7.
4. Prompt notification in the event it is necessary to plug and abandon the well. Notify R. J. Firth, Associate Director, (Office) (801) 538-5340, (Home) 571-6068, or J. L. Thompson, Lead Inspector, (Home) 298-9318.
5. Compliance with the requirements of Utah Admin. R.615-3-20, Gas Flaring or Venting.
6. Prior to commencement of the proposed drilling operations, plans for facilities for disposal of sanitary wastes at the drill site shall be submitted to the local health department. These drilling operations and any subsequent well operations must be conducted in accordance with applicable state and local health department regulations. A list of local health departments and copies of applicable regulations are available from the Division of Environmental Health, Bureau of Drinking Water/Sanitation, telephone (801) 538-6159.
7. This approval shall expire one (1) year after date of issuance unless substantial and continuous operation is underway or an application for an extension is made prior to the approval expiration date.

The API number assigned to this well is 43-037-31612.

Sincerely,



R. J. Firth
Associate Director, Oil & Gas

tas
Enclosures
cc: Bureau of Land Management
J. L. Thompson
we14/1-46



State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Norman H. Bangerter
Governor

Dee C. Hansen
Executive Director

Dianne R. Nielson, Ph.D.
Division Director

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340

December 16, 1992

San Juan Minerals Exploration Company
10970 Williams Ave.
Blythe, California 92225-9414

Gentlemen:

Re: Goodridge 91-6 Well, Sec. 7, T. 42S, R. 19E, San Juan County, Utah
API No. 43-037-31612

Due to excessive time delay in commencing drilling operations, approval to drill the subject well is hereby rescinded, effective immediately.

Please note that a new Application for Permit to Drill must be filed with this office for approval prior to the commencement of any future work on the subject location.

If any previously unreported operations have been performed on this well location, it is imperative that you notify the Division of Oil, Gas and Mining immediately.

Sincerely,

Don Staley
Administrative Supervisor
Oil and Gas

DME/lde

cc: R.J. Firth

Well file

WOI219